

Appl. No. 09/931,391
Amdt. dated June 20, 2005
Reply to Office Action of January 18, 2005

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A client software program product comprising:
a computer-readable storage medium having code embodied therein for providing instructions to one or more processors for executing processes on an embedded device which is configured for establishing a network connection to one other computing device, the code comprising:

code for an application layer;

code for a programming environment configured to render a plurality of areas of an user interface component from a shared delegation object, the plurality of areas includes at least one corner area, at least one border area, and at least one background area ; and

code for an operating system layer;

where the programming environment also comprises a decoration object class and a theme object class.

wherein instances of the shared delegation object class comprise objects configured to receive user input, and objects configured to refer to instances of decoration objects for rendering.

wherein the instances of decoration objects comprise objects configured to render the plurality of areas.

wherein instances of theme objects are configured to create the instances of decoration objects.

wherein a first image is used to render the at least one background area,
a second image is used to render the at least one border area, and
a third image is used to render the at least one corner area.

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2. (Previously Presented) The client software program product of claim 1, wherein the user interface component is logically separated into a non-overridable system part and an overridable user part.

3. (Previously Presented) The client software program product of claim 2, wherein the overridable user part comprises user interface component-specific data and the non-overridable system part comprises data used to factorize the way the user interface component is rendered.

4. (Previously Presented) The client software program product of claim 1, wherein the programming environment is further configured to query user interface component extensions from the shared delegation object.

5. (Previously Presented) The client software program product of claim 4, wherein the user interface component extensions include border dimensions.

6. (Previously Presented) The client software program product of claim 4, wherein the user interface component extensions include background properties.

7. (Currently Amended) A client software program product comprising:
a computer-readable storage medium having code embodied therein for providing instructions to one or more processors for executing processes on an embedded device which is configured for establishing a network connection to one other computing device, the code comprising:

code for an application layer;
code for a programming environment configured to query user interface component extensions from a shared delegation object;
code for rendering a user interface component; and
code for an operating system layer,
wherein the user interface component is rendered by a plurality of tiled images

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where the programming environment also comprises a decoration object class and a theme object class,

wherein instances of the shared delegation object class comprise objects configured to receive user interface component extension query, and objects configured to refer to instances of decoration objects for rendering,

wherein the instances of decoration objects comprise objects configured to render the plurality of areas,

wherein instances of theme objects are configured to create the instances of decoration objects.

8. (Previously Presented) The client software program product of claim 7, wherein the user interface component extensions include border dimensions.

9. (Previously Presented) The client software program product of claim 7, wherein the user interface component extensions include background properties.

10. (Previously Presented) The client software program product of claim 7, wherein the user interface component is logically separated into a non-overridable system part and an overridable user part.

11. (Previously Presented) The client software program product of claim 10, wherein the overridable user part comprises user interface component-specific data and the non-overridable system part comprises data use to factorize the way the user interface component is rendered.

12. (Previously Presented) The client software program product of claim 1 wherein the first image is tiled to render the at least one background area.

13. (Previously Presented) The client software program product of claim 1 wherein the first image is tiled entirely across the at least one background area.

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14. (Previously Presented) The client software program product of claim 1 wherein the second image is tiled to render the at least one border area.

15. (Previously Presented) The client software program product of claim 1 wherein the second image is tiled left-to-right in the at least one border area.

16. (Previously Presented) The client software program product of claim 1 wherein the second image is tiled top-to-bottom in the at least one border area.

17. (Previously Presented) The client software program product of claim 1 wherein the plurality of areas includes four corner areas, four border areas, and one background area.